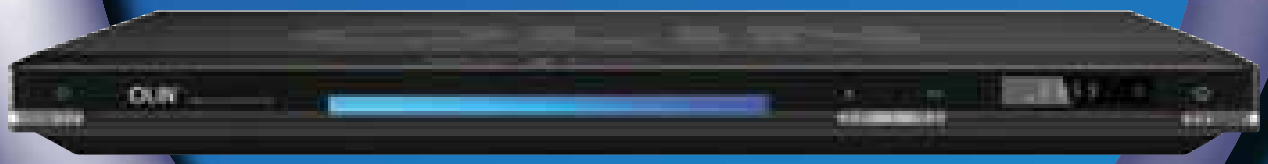
OLIN®

HDMI DVD Player

DVH-230

USER MANUAL



FREE CALL

Customer Helpline

1800 656 630

HDMI™

HIGH-DEFINITION MULTIMEDIA INTERFACE

Table of Contents

Safety Warning---------- 2

Product Features---------- 3

Disc Information---------- 4

Parts Introduction---------- 5
-Front panel drawing---------- 5
-Rear panel drawing---------- 5
-Remote Control---------- 5

System Connection---------- 7
-Connecting to TV---------- 7
-Connecting to an Amplifier---------- 8
-Connecting to an Amplifier with Dolby Digital Decoder---------- 9

Function Operations---------- 10
-Starting Discs Playback---------- 10
-Function Operation Instruction---------- 10
-USB Playback---------- 12
-MP3 Playback---------- 13
-HDCD/CD Playback---------- 13
- Picture CD Playback---------- 13
- Karaoke Operation---------- 13

System Setup---------- 14
-General Setup---------- 14
- Audio Setup---------- 15
- Dolby Digital Setup---------- 17
- Video Setup---------- 17
- Preference Setup---------- 18

Trouble Shooting---------- 19

Specifications---------- 20

SAFETY WARNING

WARNING:
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric to persons.

The exclamation point within an equilateral triangle is intended to alert user to the presence of important operating and servicing instructions in the literature accompanying the appliance.

CAUTION: Laser radiation present when open. Do not stare into beam.

CAUTION: USE OF ANY CONTROLS, ADJUSTMENTS, OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN BY REUSLT IN HAZARDOUS RADIATION EXPOSURE.

IMPORTANT FOR LASER PRODUCTS

1. **CLASS 1 LASER PRODUCT**
2. **DANGER**
   Visible laser radiation when open and interlock failed or defeated. Aovid direct exposure to beam.
3. **CAUTION**
   Do not open the top cover. There are no user service-able parts inside the unit. Leave all servicing to qualified service personnel.

Important Safety Instructions

- Read and Keep these instructions;
- Heed all warnings and follow all instructions.
- Do not place this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install it in accordance with the manufacture's instructions.
- Do not install this product near any heat sources such as radiators, heat registers, stoves or other Apparatus (including amplifiers) that produce heat.
- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall not be placed on the apparatus.
- Do not default the safety purpose fo the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs,convenieence receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracted or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/appartus combiantion to aviod injury from tip-over.

- The power device can be easily removed or plug into the wall outlet.
- Unplug this apparatus during lightning storms or when unused for long perods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged , liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.
- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

PRODUCT FEATURES

Main features of the product

- Fully compatible with DVD/VCD/SVCD/CD/MP3/JPEG/CD-R/CD-RW/DVD-R/DVD+R/DVD+RW/DVD-RW/HDCD
- Compatible with MPEG4/DivX3. 11/DivX4/DivX5 and Xvid.
- Built-in USB port
- Supports karaoke function with 2 MIC jacks
- HDMI/Resolution up to 1080i(50/60Hz), 1080P(50/60Hz)
- Advanced MDDi™ Progreesive scan output
- Built-in Dolby AC-3 decoder
- Automatic screen protection
- Parent Lock
- Supports PAL/Auto/NTSC TV system conversion
- Universal power supply: AC 110～240V, 50/60Hz

Operation Functions:

- Multiple audio and subtitle languages available depends on Disc format
- Resuming playback from the last stopped point, A-B play function
- Zooming in/out the image and pan through the enlarged image
- Multi-grade fast or slow motions, multi-angle play
- Adjustable screen aspect ratio(4:3 or 16:9)
- FWD/REV, Slow motion and Single-step play
- Program play and Repeat play

Output Terminals

- Composite video/S-Video/Y, Cb, Cr/Y, Pb, Pr output
- Optical & Coaxial digital output
- 5. 1 Channel output and 2 channel output

Input Terminal

- Karaoke Input Jacks
- USB Port

Packing

DVD Player	1 PC
Remote Control	1 PC
User's Manual	1 PC
AAA Battery	1 Pair
AV Cable	1 PC
Warranty Certificate	1 PC
Quick Guide	1 PC

DISCS INFORMATION

DISC FORMATS SUPPORTED BY THIS PLAYER:

Disc Type	Logo	Contents	Size	Playback Time/Playable Sides
DVD	DVD VIDEO	Audio+Video (active picture)	12cm	About 133min (SS-SL)
				About 242min (SS-DL)
				About 266min (DS-SL)
				About 484min (DS-DL)
SVCD	SVCD	Audio+Video (active picture)	12cm	About 45min
VCD	COMPACT disc DIGITAL VIDEO	Audio+Video (active picture)	12cm	About 74min
			8cm	About 20min
CD	COMPACT disc DIGITAL AUDIO	Audio	12cm	About 74min
			8cm	About 20min
MP3	MP3	Audio	12cm	About 600min
Picture CD	Kodak Picture CD COMPATIBLE	JPEG Photo CD	12cm	
MPEG4	MPEG 4	Audio+Video (active picture)	12cm	

- Software maker specifies the operation method of some DVD discs. Please refer to the instruction manual of disc.

Notes

1. Using of Discs

Do not touch the playing surface of the compact disc.
Do not stick paper and label on the disc.
Do not expose discs to direct sunlight.
Do not place discs near water or in dusty place.

2. Cleaning of Discs

When clean a disc, lightly wipe it with soft cloth from the center of the disc outward in a radial manner. Never use record cleaning sprays, bezene, thinner, static electricity prevention liquids or any other solvents to clean your discs.

About Disc Terms

-**Title**: contents compressed on a DVD are divided into several sections which is called "TITLE".

-**Chapter**: the TITLE is comprised of one or more small sections called"Chapter", which is numbered for ease of searching. But some discs may not have a recording chapter.

-**Track**: a segment of contents on SVCD, VCD or CD. Each track is numbered for searching.

- **Scene**: contents in a VCD with playback control function be divided into certain portion is called scene, and every scene will be shown on the screen menu with a scene number, which can be easily searched while playing. A scene usually is formed with one or several tracks.

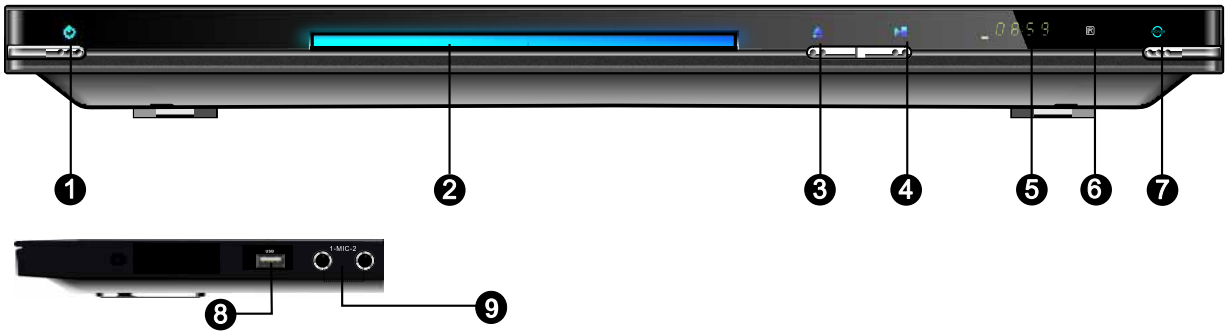
PBC Function (SVCD, VCD)

If a SVCD or VCD is player, a content menu may be shown on the screen, this is called" Play Back Control" viz. PBC function.

Disc Type	Function
VCD without PBC function (1. 1 Version)	Exhibiting both music and images.
SVCD/VCD with PBC function (2. 0 Version)	The repeat playback can be performed to super VCD or VCD2. 0 only when the PBC is OFF.

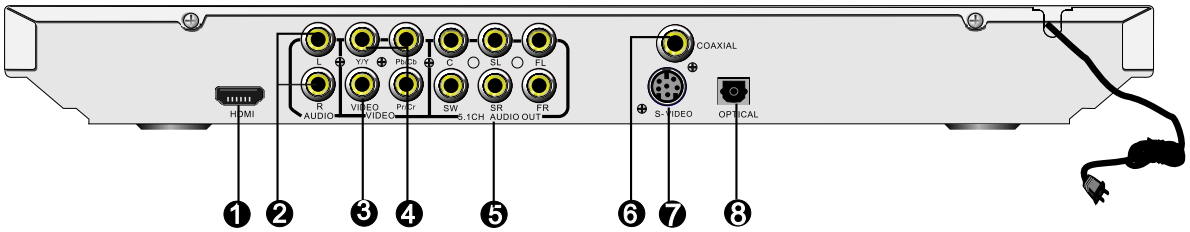
PARTS INTRODUCTION

Front Panel Drawing



1. STANDBY: Turns on the player or switches to standby mode.
2. Disc Tray
3. EJECT: To open/close the disc tray.
4. PLAY/PAUSE: To start or to pause the playback.
5. Display Screen
6. Remote Control Receiver Window.
7. DVD/USB Button
8. USB Port
9. MIC Jacks

Rear Panel Drawing



1. HDMI Output Jack
2. Left/Right Audio Output Jacks
3. Video Output Jack
4. YPbPr/YCbCr Video Output
5. 5. 1CH Audio Output Jacks
6. Coaxial Digital Output Jack
7. S-Video Output Jack
8. Optical Digital Output Jack

About the remote control

How to use the Remote Control

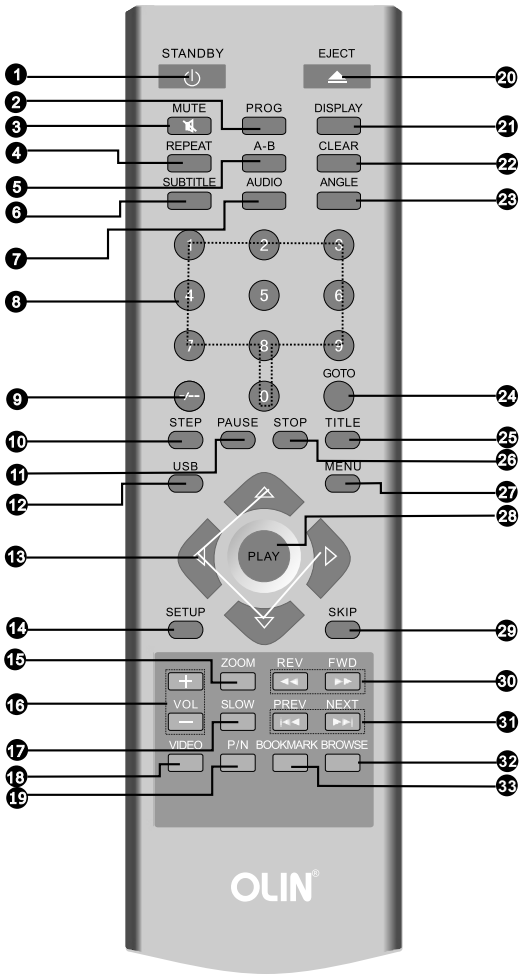
Point the remote control toward to the remote sensor on the DVD player's front panel. Its working limit is within an angle of ±30° and a distance of 7m.

Note:

- When using the remote control, no obstacle is to be set between the remote control and the remote sensor.
- Normally the batteries can last for around six months. If the remote control does not work, replace the batteries. Never mix the old and new batteries.
- When the player is not used for a long time, take out the batteries to prevent leakage and possible damage to the remote control.
- Make sure the polarities (+ and −) are aligned correctly.

PARTS INTRODUCTION

Remote Control



1. **STANDBY**-To switch the DVD player to standby mode or ON.
2. **PROG**-To setup the track programmed and to play.
3. **MUTE**-To mutes or unmutes the sound output.
4. **REPEAT**-To repeat a chapter, track, title or all content.
5. **A-B REPEAT**- A-B segment replay function. Press to mark the A or B point.
6. **SUBTITLE**-When playing a DVD disc, press to select different subtitle languages if available.
7. **AUDIO-** To select different audio language/ audio channel if available.
8. **Number Buttons**- 0-9 are used for direct access of title, chapter, track and time.
9. **-/--** - Use this button and 0-9 buttons to select a track that you want to play.
10. **STEP**-During normal playback, press this button to enter the playback frame by frame.
11. **PAUSE**-During normal playback, press this button to enter pause mode. Press the PLAY button to resume normal playback.
12. **USB**- Press this button to switch among DVD / USB for playback.
13. **Direction Buttons(◄ ► ▲ ▼)-**Navigate in indicated directions for making selections in menus,active navigation mode.
14. **SETUP**-To access or exit the system setup menu.
15. **ZOOM**-To activate zoom in or out function.
16. **VOL+/-** - To increase or decrease the volume.
17. **SLOW**- Press for slow motion playback.
18. **VIDEO**-Switch for different video output mode among YUV(YCbCr/YPbPr)/HDMI.
19. **P/N**- Switch for different TV video mode among PAL/AUTO/NTSC.
20. **EJECT**- To open/close the disc tray.
21. **DISPLAY**-To display the current information of the playing disc.
22. **CLEAR**- To clear the wrong input for programme and bookmark function.
23. **ANGLE**-To select a DVD camera angle if available.
24. **GOTO**-To select the desired disc starting time, track or title.
25. **TITLE**-When playing a DVD disc, press to display the titles if available.
26. **STOP**- To stop the playback.
27. **MENU**-To display DVD menu or to open or close the PBC for VCD2.0/SVCD disc.
28. **PLAY**-To start the playback or to confirm your selections.
29. **SKIP**–To broadcast the disc contents directly. Some discs may not support this function.
30. **◄◄/►► (REV/FWD)**- To fast rewind or forward playback.
31. **⏮/⏭ (PREV/NEXT)**-To enter the previous or next chapter/track.
32. **BROWSE**-To look through in advance and select the content that you want to play.
33. **BOOKMARK**-To store a frame or image for playing.

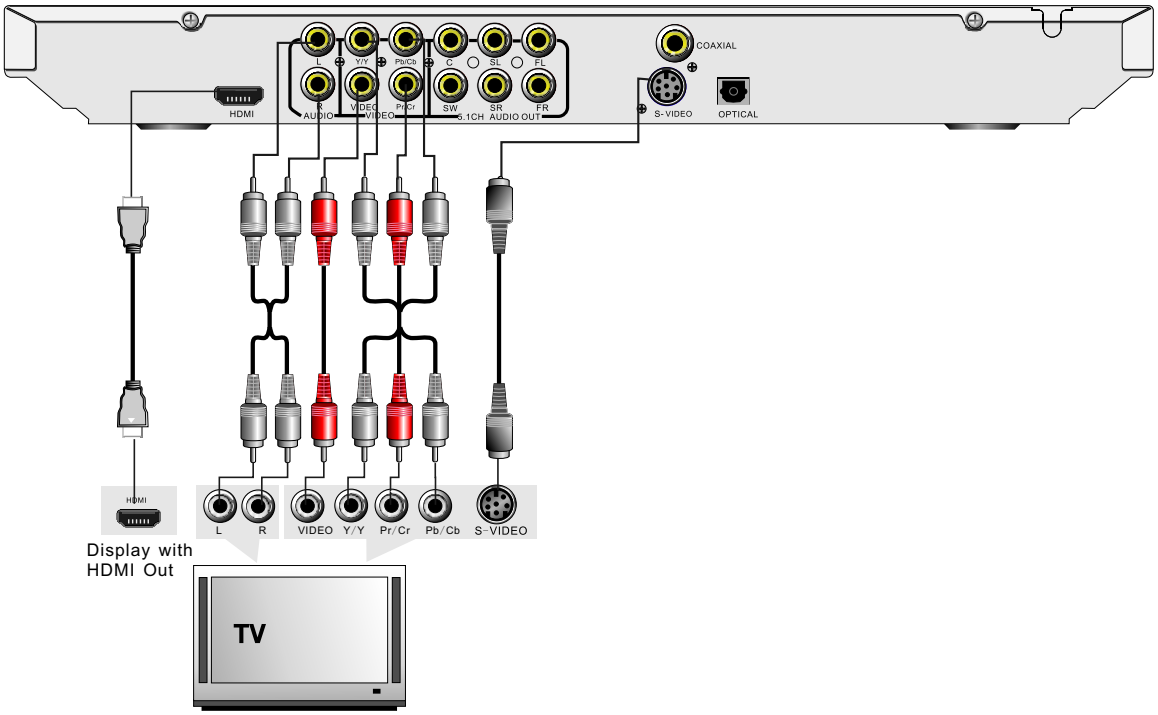
SYSTEM CONNECTION

Precaution: Do not turn on the power of the player before all connections have been correctly done.

Important Remark: The diagram may be different from your DVD player, the connections are only for your reference.

Connecting to TV

The Video output connector of the player include: Video output, S-video output, Y/PbCb/PrCr component output . You may select any of them to connect, refer to your connecting apparatus correspondingly.



- **Setup DVD Player video output mode**

  -Setup your DVD player video output mode as per specification of your TV system. Press the P/N button on the remote control to select the same system such as PAL,Auto or NTSC.

- **Y/Cb/Cr video connection setting**

  Connect the Y/Cb/Cr output jack on the DVD player to the Display device's Y/Cb/Cr input jack with Y/Cb/Cr cable. Press theVIDEO button to shift the video output to YUV interlace signal output mode. Shift the TV input to Y/Cb/Cr.

- **Y/Pb/Pr video connection setting**

  Connect the Y/Pb/Pr output jack on the DVD player to the Display device's Y/Pb/Pr input jack with Y/Pb/Pr cable. Press VIDEO button to shift the video output to YUV progressive signal output mode. Shift the TV input into relevant mode.

- **S-Video connection setting**

  Connect the S-Video output jack on the DVD player to the display device's S-Video input jack with a S-Video(not supplied) cable .Shift the TV output mode to S-Video output.

- **HDMI Connection Setting**

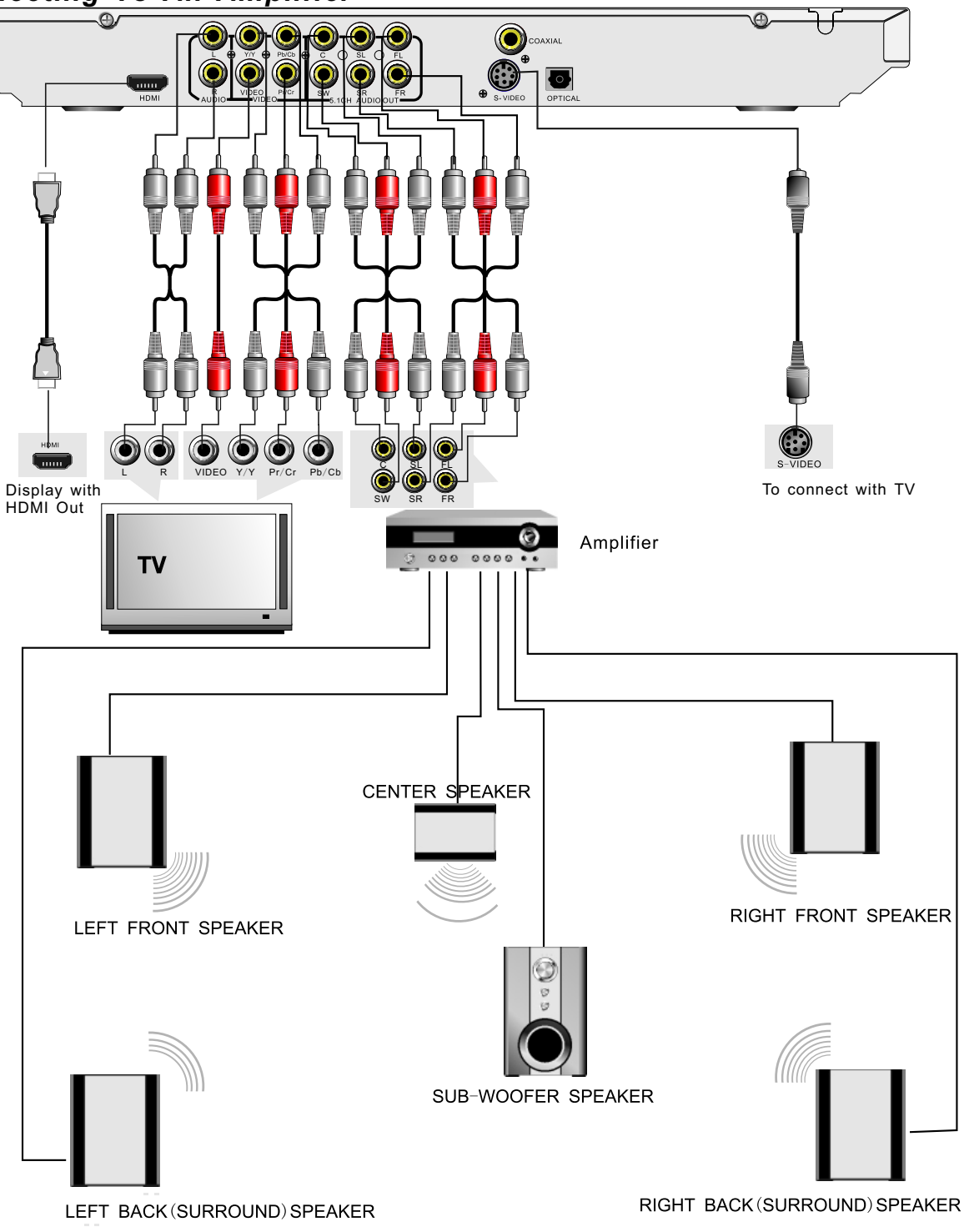
  Connect the HDMI output jack on the DVD player to the HDMI input on a monitor or high-definition TV via an HDMI cable(not supplied). Then power on the player. On the Video Setup menu, set the component mode to be OFF and then set the HDMI item to be ON, switch the TV input mode to the corresponding HDMI output mode.

SYSTEM CONNECTIONS (cont.)

Audio Output Connector

There are 2CH "L/R" analog audio output, 5. 1CH output, optical output, coaxial digital audio output for audio connection use.

Connecting To An Amplifier

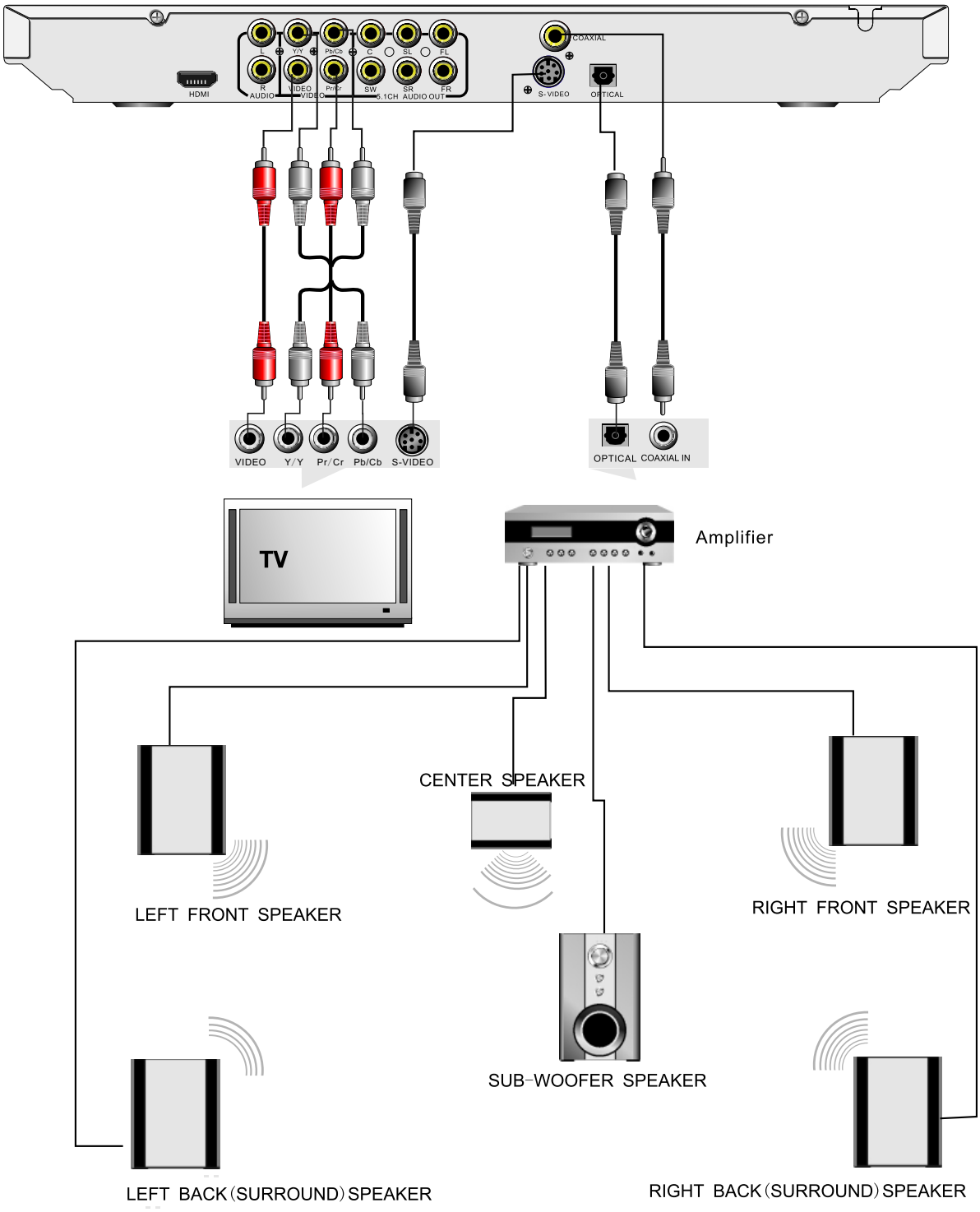


- When connected to 1 5.1 CH amplifier, please set the player's audio output mode, aka downmix option, to "5.1 CH" in "SPEAKER Setup" menu.
- The default audio output is stereo.

SYSTEM CONNECTIONS (cont.)

Connecting To An Amplifier With Dolby Digital Decoder By Optical &Coaxial Jack

To enjoy a Hi-Fi Dolby surrounded sound system, you can also connect the player to an amplifier by using the player's Optical output connector or Coaxial digital output jack correspondingly. Simply connect your optical digital output jack to the amplifier, and set the SPDIF Output mode to “SPDIF/RAW” in “SPDIF SETUP” menu.

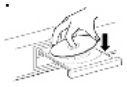


FUNCTION OPERATIONS

IMOPRTANT!

- **If the inhibit icon ⊘ appears on the TV screen when a button is pressed, it means the function is not available on the current disc or at the current time.**
- **DVD discs and players are designed with regional restrictions. Before playing a disc, make sure the disc is for the same zone as your player.**

Starting Disc Playback



1. Press the STANDBY button on the front panel to turn on the power supply.
2. Press the EJECT button to open the disc tray.
3. Place a disc into the disc tray with the label facing up.
   For double-sided disc, load the side which you want to play facing up.
4. Press the EJECT button again to close the disc tray. Then the player will read the disc information automatically and the playback may start automatically.
5. Press the STOP button to stop the playback and take out the disc.

Note:

1. Please check the Disc condition before putting it in the tray, bad quality or damaged discs will damage the pickup inside the player, and shorten its lifespan.
2. On TV screen display DVD menu or subtitle when playing a DVD disc; When playing a SVCD/VCD2. 0 disc, on TV screen display menu and the player turns into PBC playback status;
   When playing CD, VCD1. 1disc, the player will playback follows the track order.
3. Auto-play function is not available for Mp3 and JPEG discs.
4. When the screen saver mode to be ON, it will start automatically if the disc playback is stopped or no disc mode for about 5 minutes.
5. The player will automatically switch to Power Standby mode if you do not press any buttons for about 30 minutes after the disc has stopped playing.

Function Operation Instruction

STANDBY

During the playback, press the STANDBY button on the remote control once, the playback will be stopped and the player enter into standby mode. Press the STANDBY button again to resume the playback from the last stopped point.

Note:

The power is not fully turned off in standby mode. If the player will not be used for a long time, turn off the power by pressing the STANDBY button on the front panel.

STOP

During playing a DVD/SVCD/VCD/CD disc, press the STOP button for the first time and the player will enter pres-stop status and memorise the previous ending point. Now if you press the PLAY button, the player will continue the playback. Press the STOP button again, the player will enter Stop mode.
When playing MP3 and MPEG4 discs, press the STOP button to enter the Stop mode directly.

PAUSE

During the playback, press the PAUSE button to pause the playback and display a still image. Sound will be muted. To resume the normal playback, press the PLAY button.

STEP

During the playback, press the STEP button to enter frame by frame playback. Each press moves one frame forward. Press the STEP button continuously to step playback. Press the PLAY button to resume the normal playback.

Note: No step playback mode when playing MPEG4, CD and MP3.

MUTE

Press the MUTE button, the sound will be turned off and the mute symbole will be displayed on the TV screen. Press the MUTE button again, MUTE OFF will be displayed and the sound will resume.

FUNCTION OPERATIONS(cont.)

Volume Control

During playback, press the VOL +/VOL - button repeatedly to increase or decrease the volume of the player.

Zooming In/Out

During playing a DVD/SVCD/VCD disc, press the ZOOM button to zoom in or zoom out the motion picture or still image. Press it repeatedly to display the image with different scales. When the image is zoomed in, use the ◄ ► ▲ ▼ direction buttons to shift and pan to display the part you want to view. Press the ZOOM button repeatedly to return to the original size.

Fast Forward* &*Fast Backward

During playing a DVD/SVCD/VCD/CD disc, you can search certain point you desired by pressing the REV (◄◄) or FWD (►►) button. Press the REV/FWD button to enter fast rewind or forward mode. Each press of REV/FWD button switches the playback speed. Press the PLAY button to resume normal playback.

Slow Playback

When playing a DVD/SVCD/VCD disc, press the SLOW button to play video in slow motion.

For DVD: this function is available in Forward and Backward.

For SVCD/VCD: this function is only available in Forward. Pressing the SLOW button repeatedly, the video is played in slow motion in different speed.

Press the PLAY button in slow playback status to resume normal playback.

Note: No slow motion playback for CD and MP3.

Chapter/Track Skip

For DVD: press the PREV or NEXT button to skip to the previous or next chapter.

For SVCD(PBC ON/ VCD (PBC ON) : press the PREV or NEXT button to skip to the previous or next page .

For CD/ SVCD (***PBC OFF***) / ***VCD*** (***PBC OFF***) : press the PREV or NEXT button to skip to the previous or next track.

REPEAT Playback

Press the REPEAT button to play a specified time, chapter, track or other contents repeatedly or repeat the whole disc.

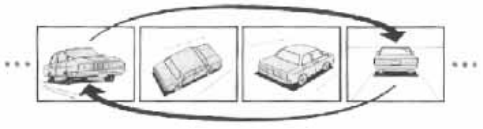
For DVD: Chapter--->Title---->All---->OFF.

For VCD/ SVCD/ CD: Track--->All--->OFF.

For MP3:Folder--->Single--->Repeat One--->Repeat Folder

Repeat Appointed Section

During DVD/SVCD/VCD/MP3 normal playback, press the A-B button to mark the point A. Press the A-B button again to mark the point B. The player will return to point A automatically to repeat the desired section (A-B). To resume normal playback, press the A-B button the third time.



Notes:

1. Some discs may not support repeat function.
2. Sections can only be selected in the same track in PBC mode.
3. For VCD/SVCD disc, the repeat function is only available when the PBC is OFF.

OSD (***On-Screen Display***)

On screen display can be displayed to check the playing time and remainder time for each title, chapter, track or whole disc's. Press the DISPLAY button to check.

FUNCTION OPERATIONS(cont.)

Search By Time

You can use this feature to select a title/chapter/track or go to a specific point in a title. First, press the GOTO button on the remote control to display the search menu and enter the edit state;Second,press the direction buttons to highlight the number of title/chapter/track or time option;Third, use the number buttons to enter the title/chapter/track you want to play or the time you want to go in that title. Finally, press the PLAY button to start the playback.

Program Playback

If the disc contains 2 or more tracks, chapter, or titles, set up the playing order in your preference. Press the PROG button to enter the programe menu.

1. Use the number buttons to input the number of the track, title or chapter. If the programmed tracks are over 10, i.e. more than one page, use ◄ ► ▲ ▼direction buttons to highlight NEXT on the bottom and press the PLAY to access the next page.
2. Use the◄ ► ▲ ▼ direction buttons to move the cursor to highlight START and press the PLAY button to start the program playback.

Note: For MP3/MPEG4 disc, there is no program function available.

***Title*&*Chapter*(*For DVD disc only*)**

Generally there are several titles in a DVD disc and several chapter under a title. You can select any of them quickly by using the number buttons to enter the number of the chapter.

***Language*(*For DVD disc only*)**

There are up to 8 kinds of audio languages in a DVD disc. When playing a multi-language DVD disc, press the AUDIO button to select the desired audio language.

***Subtitle Selection*(*For DVD disc only*)**

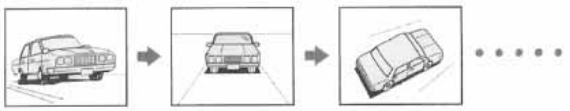
When playing a DVD disc with multi subtitles, you can choose a desired subtitle with the SUBTITLE button.

Notes:

1. This function is only available for discs with multi subtitles.
2. The subtitle language varies as per disc.

***ANGLE(For DVD disc* only)**

Some DVD discs may contain scenes shot from different angles, in this case the ANGLE button may be used to view the same scene from different angles. Press the ANGLE button repeatedly to select one scene to display full screen.



Notes:

1. This function is only available for discs recorded with different angles.
2. The number of angles varies with different DVD discs.

USB PLAYBACK

1. Insert the USB disk into the corresponding slot on the player;
2. Press the USB button on the remote control to enter DVD/USB selected menu;
3. Use the ▲ ▼ button to select a source that you want to play and press the PLAY button to confirm.
4. Use the ▲ ▼ button to select the available files on the USB and then press the PLAY button to start the playback.

Notes:

1. Make sure there are MP3/WMA/JPEG files on the USB disk.
2. Do not remove the USB disk during the playback.

MP3 PLAYBACK

MP3 is the third audio compression format of international standard MPEG, which compresses the audio signal at the rate of 12:1. Using MP3 format, one disc can record more than 600 minutes music, while quality is similar with that of CD discs.

There are many different formats for storing MP3 songs. Usually, one MP3 disc includes many folders(directories) and every folder includes several files(songs).

In stop status, use the ◄ ► direction buttons to move cursor to ″PLAY MODE″ column, and use the ▲ ▼ direction buttons to select the play mode. Press the ◄ ► direction buttons to confirm. Similarly, use the ▲ ▼ direction buttons to select the directory you want and press the PLAY button to enter it. Press the PLAY button again to play the song that you selected.

In playing status, you can use the ⏮ ⏭ buttons to select other songs. The player can only output stereo audio signal when playing MP3 discs. There is no search function during MP3 playback. Hundreds of pictures or MP3 songs can be stored in a disc in this format.

HDCD/CD PLAYBACK

The player will play all tracks for HDCD or CD discs continuously in default status. You can press the ⏮ or ⏭ (PREV/NEXT SKIP) button or number buttons to select a certain track.

PICTURE CD PLAYBACK

JPEG Picture playback operation

1. Normal playback

Place a disc with JPEG files in the player, after reading the disc, ″SMART NAVI″ and ″ROOT″ will be displayed on the screen. The left column is the menu for last level and the right column is the menu for the next level. Use the PLAY button and ◄ ► direction button to select submenu with picture. Use ▲ ▼ direction button to select the contents in the menu.

2. Picture Rotation

It can be operated when the picture is displayed on normal size. Use direction buttons to rotate the image for different view.

3. ZOOM

ZOOM button is used to turn on or turn off the zoom and move function.

When the function is turned on: use the ◂◂ and ▸▸ buttons to control zoom ratio and picture will be displayed under relevant zoom ratio. Then you can use ◄ ► ▲ ▼ direction buttons to move around in the zoomed picture.

When the function is turned off: the picture will resume back to normal size. Press the MENU button to return to the root menu.

Note: Some JPEG format discs may not support rotation and zoom function.

Karaoke Operation(Only for DVD/SVCD/VCD)

1. Load the karaoke disc to start the playback.
2. Plug in the microphone(s) into the MIC jack(s) and switch the microphone(s) to be ON.
3. Press the SETUP button to enter audio setup page, set the microphones to be on(MIC ON) and adjust the volume according to your preference(MIC Level).
4. Use number buttons to select the tracks and press the PLAY button to start the playback.
5. Use the AUDIO button to switch between different sound effect(Mono-L-->Mono-R -->Mix Mono-->Stereo).
6. Switch the microphone(s) to be OFF after singing and unplug it.

Note: Put the microphone(s) away from the speaker or turn off the microphone(s) when there is feedback while singing.

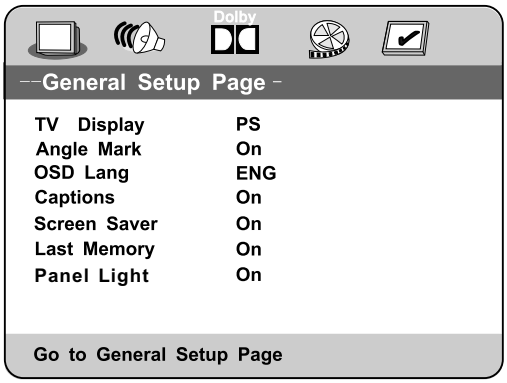
SYSTEM SETUP

Basic Operation

Important: Some menus maybe different from your PLAYER, the setup menu instruction is only for your reference.

If the selection in the menu is greyed out, that means the feature is not available or not possible to change at the current state.

1. Press SETUP button to enter the setup menu. The screen displays as:



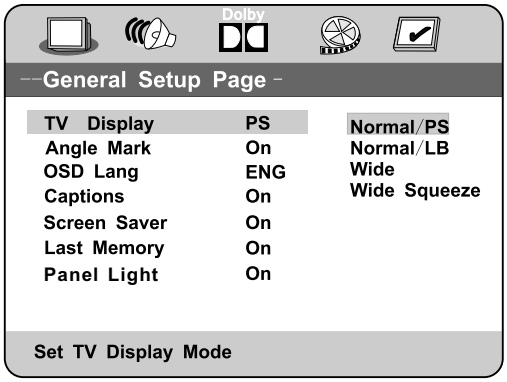
Five setup menu are available:

- General Setup Page
- Audio Setup Page
- Dolby Digital Setup
- Video Setup Page
- Preference Setup Page(this page is only available in fully stop mode)

2. Use ◄ or ► button to navigate for different setup menu.
3. When any setup menu is highlighted, use ▲ or ▼ button to select different items under the setup menu. Then different options for each item will appear on the right column.
4. Use ► or PLAY button to enter the right column. Then use ▲ or ▼ button to change a new setting. Press PLAY button to confirm the changed setting.
5. Repeat the above steps to change all the settings. For details, please refer to the corresponding chapter under setting details section described below.
6. Press ◄ button to return to the previous menu and then select ″MAIN PAGE″ to return to main menu.
7. If you have finished the changes, press SETUP button to exit the setup menu.

Setting Details

1. General Setup Page



- **TV Display**: Four items are available for TV display: Normal/PS,Normal/LB,Wide and Wide Squeeze. The default is : Normal/PS.
  - ***Normal*/*PS***(***4*:*3 PanScan***):This is selected when the player is connected with a normal TV, wide-screen images are displayed on the full screen but with some part is cut off automatically.
  - ***Normal*/*LB***(***4*:*3 LetterBox***):This is selected when the player is connected with a normal TV, wide-screen images displayed on the screen but with black bars on the top and bottom.
  - ***16*:*9 Widescreen***:This is selected when the player is connected with a wide screen TV.
  - ***16*:*9 Wide Squeeze***:This is selected when the player is connected with a wide screen TV if you wanted to squeeze the picture.
- **Angle Mark**:

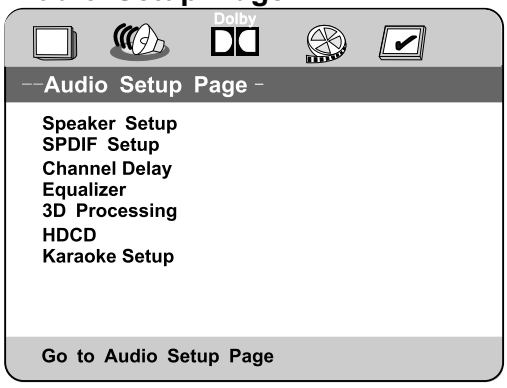
  ON: when playing DVD disc having multi-angle option, an angle mark will be shown on the TV screen.

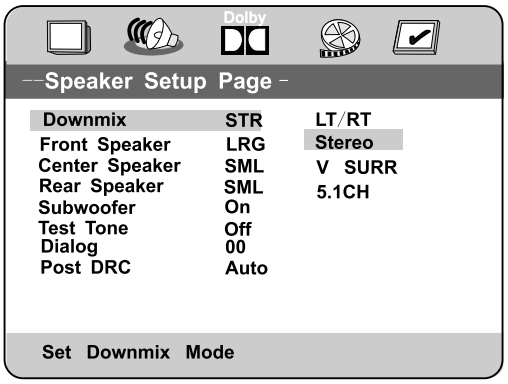
  OFF: No angle mark will be shown on the screen when multi-angle option available.

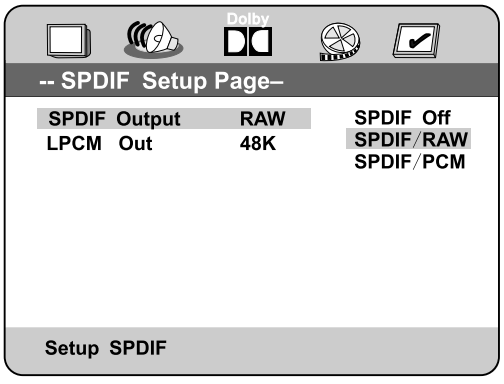
SYSTEM SETUP（cont.）

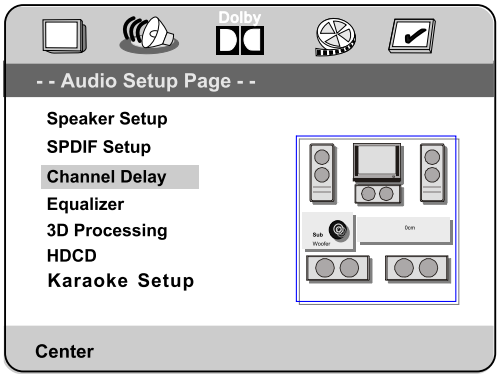
- **OSD Lang**: On-screen display language.
- **Captions**:
  ON: To display captions on TV screen when available.
  OFF: To disable captions display.
  This function is only available for DVD disc recorded with captions
- **Screen Saver**:
  When there is no activity of the player for about 5 minutes, screen saver will be displayed to prevent potential damage to the TV screen.
  ON: To activate screen saver. **OFF**: To disable screen saver.
- **Last Memory**:
  The player can memorize the playing time when the player turned to standby mode so that when it turned on again, the same disc will resume play from the point.
  ON: To enable the last memory function **OFF**: To disable the last memory function.
- **Panel Light**:
  To turn on or turn off the light on the front panel of the player.

2. Audio Setup Page









- **Speaker Setup Page**
  - **Set Downmix**: set the stereo analog output of your DVD player. .
    ″**LT/RT**″: select this option when output delivers sound from only the two front speakers.
    ″**STEREO**″: select this option if your DVD player is connected to an external amplifier with Pro-Logic decoding function.
    ″**V SURR**″: allows the DVD player to use virtual surround sound effects.
    ″**5. 1CH**″: means 5. 1CH output.
  - **Set Front Speaker**: Select large or small for the front speaker output.
  - **Set Center** & **Rear Speaker**: Select large, small or off for the output.

Note:

For center & rear speaker, setting can only be done under the condition of ″Downmix″ being set with 5. 1CH. ″Large″ means complete frequency audio speaker output; ″Small″ means high frequency speaker. Use actual speakers configuration to adjust the supper low frequency.

- **Set Test Tone**: With 5. 1 operating, choose"on", this will check 5CHs in turn. This setup item must be done with no disc in the player and the condition of "Downmix" being set with 5. 1CH.
- **Set Dialog**: With "Audio Output Mode"is set as" LT/RT" or "Stereo"output, you can select Dialog item and adjust volume under"Speaker Setup Page". When playing with 5. 1CH disc, you can adjust speakers volumes via dialog.
- **Set Post DRC**: Dynamic compress output can lower volumes processing sound effect under the condition of within speaker max output.

SPDIF Setup Page

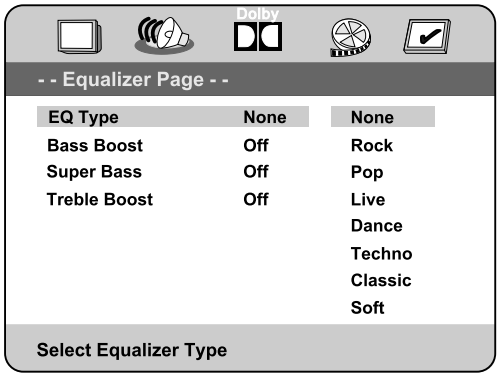
- **Select SPDIF Output**-To set the bit stream type of the digital output.
  SPDIF OFF: no digital signal out(optical and coaxial off), only analog audio output.
  SPDIF RAW: no decoding on the amplifier digital signal input.
  SPDIF PCM: select this if the connected device is not capable of decoding multichannel audio.
- **Select LPCM Output**: To set the output frequency of the LCPM audio data to fit for different power amplifiers. This item can be selected only when the SPDIF PCM is activated.

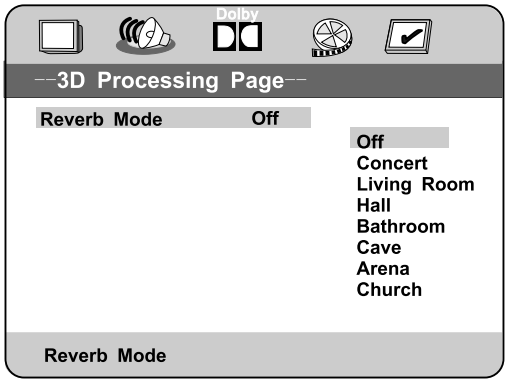
Channel Delay Setup Page

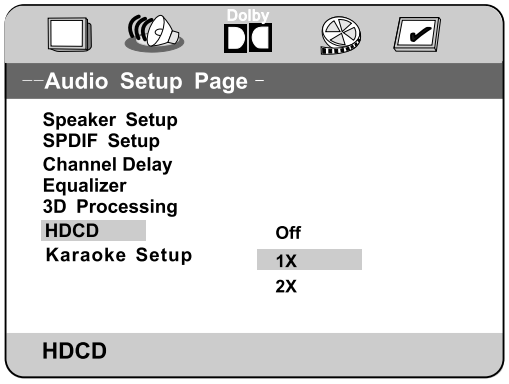
Under the "Channel Delay" mode, you can edit the settings to all speakers, refer to their position shown in the picture. Press ▲ or▼ direction button to select the speaker and use ◄ or ► button to adjust the distance and enjoy surround sound effect.

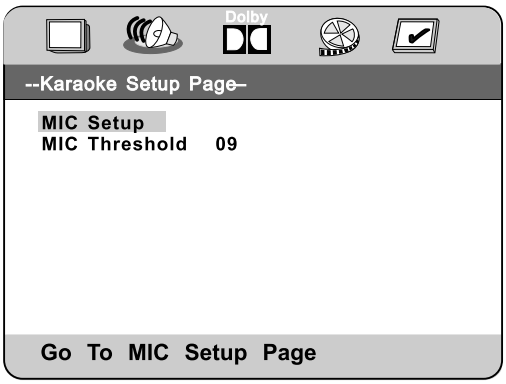
2. *Audio Setup Page(cont.)*

Setting details for Equalizer, 3D processing, HDCD setup page and Karaoke Setup page.









Equalizer Setup Page

- **Select EQ Type**: Seven EQ modes are available: None, Rock, Pop, Live, Dance, Techno, Classic and Soft. You can select one according to your perference and the disc content.
- **Select Bass Boost, Super Bass and Treble Bass**
  "On" means to strengthen the corresponding audio.

3D Processing Page

- **Select Reverb Mode**
  To set different sound filed effects,the available items are: Off, Concert, Living Room, Hall, Bathroom, Cave, Arena and Church.

HDCD Setup Page

You can choose the corresponding frequency on the digital filter. Three items are available: Off, 1X, 2X. ″OFF″ means as CD sampling mode.

Karaoke Setup Page

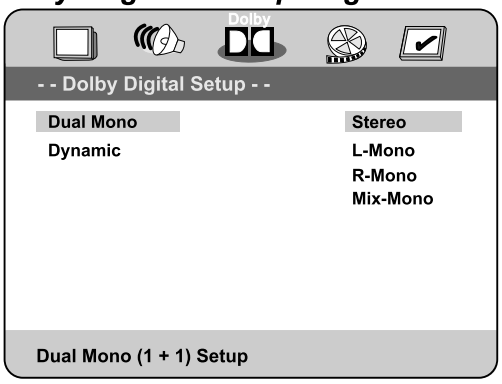
– **MIC Setup**

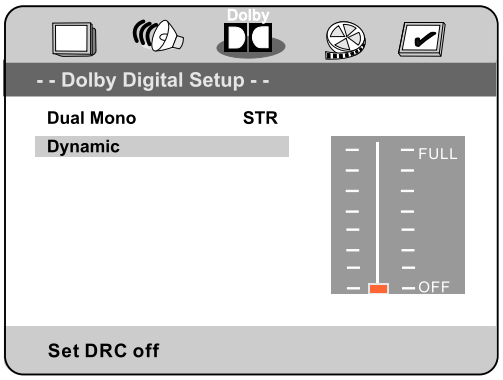
MIC: To turn on or off the microphone function.

MIC VOL/MIC Level: You can use▲ or ▼button to adjust microphone volume/echo level when the microphone function is set to be ON.

- **MIC Threshold**: Use ▲or ▼button to adjust the threshold value.

3. Dolby Digital Setup Page





Dolby Digital Setup

– **Setup Dual Mono**

″Stereo″: means output Right and Left channel audio only.

″R-Mono″: means output Right channel audio only.

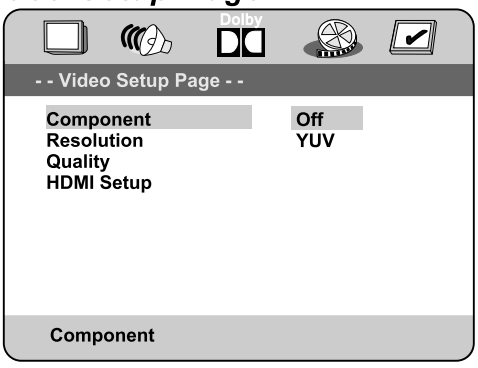
″L-Mono″: means output Left channel audio only.

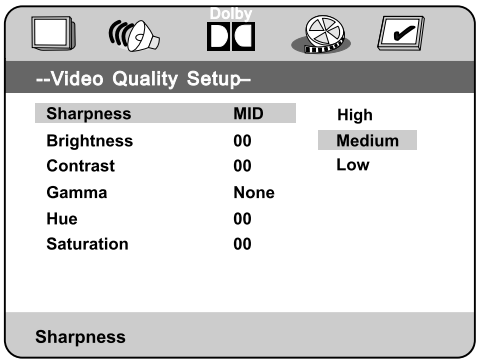
″Mix-Mono″: means output the average signal of the mixed Left and Right channel audio.

– **Setup Dynamic Compression**

If watching movie program at night, select ″Dynamic″ item to adjust the volume to an audible level at the same time keeping the fine sound details. This item is only available for movie discs with Dolby Digital mode. Use▲or ▼ direction button to adjust the value.

4. Video Setup Page





Set Component

YUV: Use component jacks, tagged as Y/Y, Pb/Cb and Pr/Cr, as component output (Video Only).

OFF: Use component jacks, tagged as Y/Y, Pb/Cb and Pr/Cr, as composite output (Video and Audio).

Set Resolution

You can select the resolution of the picture from the available list according to your preference and the HDMI peripheral equipment. When changing the resolution of the DVD player, the HDMI TV will automatically change to fit the DVD player resolution.

This player supports two HDMI high definition output mode:

- **YUV high definition mode**:

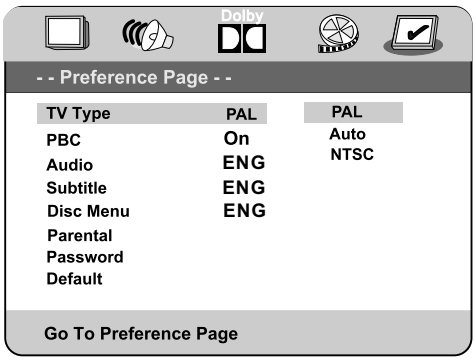
Set the component mode to be YUV on the video setup page and then select the high resolution（please make sure your TV supports the corresponding high definition）on the available resolution list.

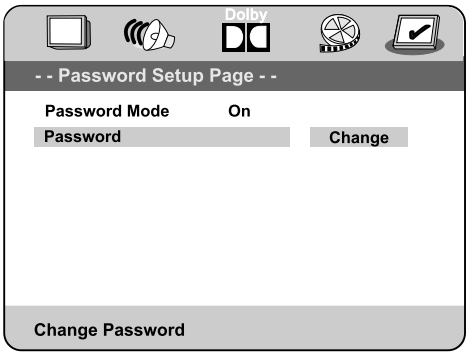
- **HDMI high definition mode**:
  Set the HDMI item to be ON on the video setup page and then select the high resolution（please make sure your TV supports the corresponding high definition）on the available resolution list.

Note: This player supports 1080P at 50/60Hz, check if your TV supports 1080P at 50/60Hz. If your TV does not supports 1080P at 50/60Hz, the 1080P（50Hz）and 1080P（60Hz）options will grey out.

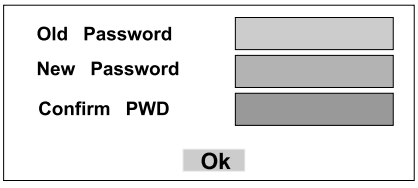
- **Set Quality**
  You can set the sharpness, brightness, contrast, Gamma, Hue, Saturation according to your preference.
- **HDMI Setup**（***This item is available when the Component mode is set to be OFF***.）
  -**HDMI**: To turn on/off the HDMI signal output when the component is set to be OFF.
  -**Audio Source**: To select different audio output mode between Auto and PCM.

5. Preference Setup Page（***Only available when the player is under full stopped mode***.）





- **Set TV Type**
  This player is suitable for all kinds of TV systems. You can select PAL, Auto or NTSC.
- **Set PBC**
  ON: means the function is available. OFF: no function.
- **Set Audio/Subtitle/Disc Menu language**
  These are the initial settings by your preference. If a setting is supported by disc content, it will work. Otherwise the disc default value works.
- **Parental Control**
  The control level is for parents to determine violence and erotica content levels for children. A disc content level which is higher than the setting level cannot be played. Under condition of ″Password Mode″ being set as ″OFF″, you can set the ″Parental″ level. There are 7levels for selection. After finished setting, please back to the ″Password Mode″ and set this item to be ON.
- **Set Password Mode**
  To set the password function to be ON or OFF. Set as OFF, you can enter into the parental control.
- **Set Passwrod**
  Use ▲or ▼direction button to select password on the preference setup page, then press ►or PLAY button to confirm. Use ▲or ▼ direction button to select Password and then you can change the password.
  The initial factory password is 136900.You can change the password following the steps below:
  1.Enter the old six-digitlal password in the old password field.
  2.Enter a new six-digital password.The cursor will move to the Confirmed password field.
  3.Enter the new password again for confirmation.
  4.Press the PLAY button to confirm it and exit the password change submenu.



- **Set Default**: If you choose "Reset",the system will back to the default status.

TROUBLESHOOTING

Please check for causes of problems in accordance with the following chart befor contacting any maintenance personnel.

Symptom	What to check
The player does not play.	- If disc is loaded in. - If disc is loaded upside down. - If disc is dirty or warped. - If the player's region code is the same as the region code of the DVD disc. - If water condensation has occurred. - If it occurs, take the disc out and leave the player on for a few hours until it backs to normal.
There is no sound.	- If the system connection is correct. - If the power of the speakers is turned on. - Make sure the input for the TV and stereo system are correct. - If the sound setup of the DVD disc is correct. - If disc is dirty or warped.
There is no picture.	- If the TV is turned on and is in correct video mode. - If the system connection is correct.
Poor AV performance.	- If disc is dirty, warped or damaged.
Cannot continue to played and play a section repeatedly.	- If this is the case, press the A-B button to cancel. - If the disc is dirty or damaged. - If this is the case, clean the disc or skip the section.
The remote control does not work.	- If there are obstructions between the remote control and the player. - If the remote control is pointing at the player. - If batteries are inserted or the polarity is correct. - If batteries are weak.
Howling (feedback) occurs	Move the microphone away from TV or speakers. Lower the volume of the player, TV and amplifier.

Note:

Static other external interfere may cause the abnormity of the player. At this circumstance, unplug the power-supply cord from the outlet and plug it in again to reset the player so that the normal operation will be resumed. If you are still having problems, then please disconnect the power and consult your service center or a qualified technician.

SPECIFICATIONS

Laser Wavelength			Wavelength: 780/650nm
Video System			PAL/Auto/NTSC
Frequency Response			20Hz – 20Khz ±2.5dB
Audio S/N Ratio			≥ 85dB
Audio distortion + noise			≤ -70(1KHz)
Channel Separation			≥ 70dB(1KHz)
Dynamic Range			≥ 80dB(1KHz)
Audio Output	Analog Audio Out		Output Level: 2 V $\pm^{0.2}_{1.0}$ Load: 10kΩ
	Digital Audio Out		Coaxial: Out Level 0.5Vp-p, Load: 75Ω Optical : -21dB$_m$ ~ -25dB$_m$
Video Output	Video Out		Out Level: 1 Vp-p ± 0.2, Load: 75Ω Unbalanced Negative
	S-Video Out		Out Level: 1 Vp-p , C: 0.286Vp-p
	Component Video	Interlace	Y: 1.0Vp-p, Cb/Cr: 0.7Vp-p, Load: 75Ω
		Progressive	Y: 1.0Vp-p, Pb/Pr: 0.7Vp-p, Load: 75Ω
Power Supply			AC 110~240, 50/60Hz
Power Consumption			≤ 14W
Dimensions			370 x 230 x 37mm.
Weight			Approx. 1.5kg
Input	MIC		Jack Type: MIC jack of 6.35mm diameter; Maximum voltage: 100mV, Impedance: 600Ω

Manufactured under license from Dolby Laboratories.
"Dolby" and the double-D symbol are trademarks of Dolby Laboratories.
Confidential unpublished works.© 1992-1997 Dolby Laboratories.
All rights reserved.

Copyright
This manual contains information protected by copyright law. No part of this document may be used or reproduced in any form or by any means, or stored in a database/ retrieval system without prior written permission from Westell Australia Pty Ltd

The information of this manual is based on the current version of the product, we reserve the right to alter the content without prior notice.

All brand names in this manual are property of their respective owners.

Need some help?

Call our toll free
Customer Helpline today!

FREE CALL

Customer Helpline
1800 656 630

Or visit our website
www.westwell.com.au/olin

WESTWELL
CONNECTING EAST TO WEST

Westwell Australia Pty Ltd
Westwell and its stylised logo are registered in the Australian IP office.
OLIN is a registered trademark of Westwell Australia Pty Ltd.
All rights reserved.
All promotional materials are offered for reference only.
Actual products may vary.
HDMI, the HDMI Logo and High Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.